

Title (en)

METHOD FOR CORRELATING GENE EXPRESSION PROFILES WITH PROTEIN EXPRESSION PROFILES

Title (de)

VERFAHREN ZUR KORRELATION VON GENEXPRESSIONSKURVEN MIT PROTEINEXPRESSIONSKURVEN

Title (fr)

PROCEDE DE CORRELATION DE PROFILS D'EXPRESSION DE GENES AVEC DES PROFILS D'EXPRESSION DE PROTEINES

Publication

EP 1576183 A4 20050921 (EN)

Application

EP 02741639 A 20020215

Priority

- US 0204467 W 20020215
- US 26977201 P 20010216

Abstract (en)

[origin: WO02079491A2] The present invention relates to methods for correlating gene and protein expression in a cell.

IPC 1-7

C12Q 1/68; **G01N 33/50**; **G01N 33/68**

IPC 8 full level

G01N 27/62 (2006.01); **C12N 15/09** (2006.01); **C12Q 1/68** (2006.01); **C12Q 1/6809** (2018.01); **G01N 27/447** (2006.01); **G01N 27/64** (2006.01); **G01N 33/50** (2006.01); **G01N 33/53** (2006.01); **G01N 37/00** (2006.01)

CPC (source: EP KR US)

C12Q 1/68 (2013.01 - KR); **C12Q 1/6809** (2013.01 - EP US); **Y10T 436/24** (2015.01 - EP US)

Citation (search report)

- [A] WO 0029848 A1 20000525 - PROTEO TOOLS [US], et al
- [X] GYGI S P ET AL: "CORRELATION BETWEEN PROTEIN AND MRNA ABUNDANCE IN YEAST", MOLECULAR AND CELLULAR BIOLOGY, AMERICAN SOCIETY FOR MICROBIOLOGY, WASHINGTON, US, March 1999 (1999-03-01), pages 1720 - 1730, XP002923559, ISSN: 0270-7306
- [X] SHEVCHENKO A ET AL: "LINKING GENOME AND PROTEOME BY MASS SPECTROMETRY: LARGE-SCALE IDENTIFICATION OF YEAST PROTEINS FROM TWO DIMENSIONAL GELS", PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE, WASHINGTON, US, vol. 93, no. 25, 10 December 1996 (1996-12-10), pages 14440 - 14445, XP000960780, ISSN: 0027-8424
- [X] PANDEY AKHILESH ET AL: "Proteomics to study genes and genomes", NATURE, MACMILLAN JOURNALS LTD. LONDON, GB, vol. 405, no. 6788, 15 June 2000 (2000-06-15), pages 837 - 846, XP002172041, ISSN: 0028-0836
- [X] DOVE A: "Proteomics: translating genomics into products?", NATURE BIOTECHNOLOGY, MAR 1999, vol. 17, no. 3, March 1999 (1999-03-01), pages 233 - 236, XP002318851, ISSN: 1087-0156
- [A] CELIS J E ET AL: "Gene expression profiling: monitoring transcription and translation products using DNA microarrays and proteomics", FEBS LETTERS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 480, no. 1, 25 August 2000 (2000-08-25), pages 2 - 16, XP004597866, ISSN: 0014-5793
- See references of WO 02079491A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 02079491 A2 20021010; **WO 02079491 A3 20050929**; AU 2002314715 B2 20060727; CA 2438391 A1 20021010; CN 1636068 A 20050706; EP 1576183 A2 20050921; EP 1576183 A4 20050921; JP 2005507235 A 20050317; KR 20040054609 A 20040625; US 2003054367 A1 20030320; US 7299134 B2 20071120

DOCDB simple family (application)

US 0204467 W 20020215; AU 2002314715 A 20020215; CA 2438391 A 20020215; CN 02806479 A 20020215; EP 02741639 A 20020215; JP 2002578492 A 20020215; KR 20037010801 A 20030816; US 7696702 A 20020215